

Chicago; California Academy of Sciences; Observatorio Nacional Argentino, Buenos Ayres; Observatorio do Rio de Janeiro.

Photographs for the Society's Album were received from the following members: Charles A. Ashburner, Philadelphia; Thomas M. Drown, Boston; Thomas H. Dudley, Camden; Wm. W. Keen, Philadelphia; John M. Maisch, Philadelphia.

The following deaths of members at Philadelphia were announced: Dillwyn Parrish, September 18th, 1886, aged 77 years; James R. Ludlow, September 20th, 1886, aged 62 years; and, on motion, the President was authorized to appoint suitable persons to prepare the usual obituary notices.

Dr. Charles A. Oliver read a paper on "Subjective After-Color" (Complementary Color).

Dr. Daniel G. Brinton read a paper on "Ikonomatic Nomenclature."

Mr. Thomas H. Dudley read a paper, "Is there reciprocity in trade and the consumption of manufactured commodities?"

Prof. E. D. Cope presented a paper, "A systematic list of the North American species of *Bufo* and *Rana*, with descriptions of some new species of *Batrachia* from the specimens in the National Museum."

Pending nomination No. 1113 was read, and the Society was adjourned by the President.

Stated Meeting, October 15, 1886.

Present, 15 members.

President, Mr. FRALEY, in the Chair.

Prof. Benjamin Sharp, M.D., a newly-elected member, was presented to the Chair and took his seat.

Letters of envoy were received from the Zoölogical Society of London; University of Illinois; U. S. Geological Survey, Washington, D. C.; Hamilton Association, Canada; Harvard College Observatory.

Letters of acknowledgment were received from the University of Illinois (96-123); Historical Society of Pennsylvania (123); Dr. William G. A. Bonwill and Mr. Samuel Dickson of Philadelphia (123); Mr. Richard Meade Bache (123).

The State Library of Massachusetts (Boston), the K. Sächs. Alterthumsverein, Dresden, and the Observatoire Astronomique et Physique of Tashkend, Turkestan, Russia, were placed on the list to receive the Proceedings of the Society, beginning with No. 96.

Donations to the Library were announced from the following: Mining Department, Melbourne; China Branch of the Royal Asiatic Society, Shanghai; Société de Littéraire Finnoise, Helsingfors; K. K. Sternwarte, Prag; Prof. G. vom Rath, Bonn; "Astronomische Nachrichten," Kiel; "Zoölogischer Anzeiger," Leipsic; Société Royale des Antiquaries du Nord, Copenhagen; K. Zoölogisch-Botanisch Genootschap, 'S-Gravenhage; Société de Géographie and Prof. Pedro A. Monteiro, Lisbon; Royal Society and "Nature," London; Natural History and Antiquarian Society, Penzance; Hamilton Association, Ontario, Canada; Boston Society of Natural History; Harvard College Observatory; "American Journal of Science," New Haven; Messrs. E. Steiger & Co., New York; New Jersey Historical Society; Franklin Institute, Hydrographic Office, College of Pharmacy, American Catholic Historical Society, Messrs. A. E. Foote, Isaac Myer, Philip H. Law, Henry Phillips, Jr., Gen. Russell Thayer and Dr. I. Minis Hays, of Philadelphia; Wyoming Historical and Geological Society, Wilkes-Barrè; Naval Observatory, Department of State, U. S. National Museum, Smithsonian Institution and Government Printing Office, Washington, D. C.; Illinois University, Champlain; University of California, Berkeley, Cal.

Mr. Alvan Clark, of Cambridgeport, Mass., presented his photograph for the Society's Album, and Mr. W. S. Baker, of Philadelphia, an etched likeness of himself.

Mr. William Harden, Savannah, Ga., presented a photograph of an Indian vase, lately exhumed in Georgia.

Action on proposition No. 1113 was postponed until December 17th.

Prof. Cope exhibited some crania of Tahitians and made remarks on human dentition, after which a discussion ensued, participated in by Drs. Horn and J. Cheston Morris.

The President reported he had received and paid over to the Treasurer the Michaux rentes for July, \$133.07.

On motion, the Society subscribed to the "Journal of Morphology."

And the Society was adjourned by the President.

The Conception of Love in some American Languages.

By Daniel G. Brinton, M.D.

(Read before the American Philosophical Society, Nov. 5, 1886.)

"The words which denote love, describing a sentiment at once powerful and delicate, reveal the inmost heart of those who created them. The vital importance attached to this sentiment renders these beautiful words especially adapted to point out the exceeding value of language as a true autobiography of nations."

This quotation is from an essay by a thoughtful writer, Dr. Carl Abel, in which he has gathered from four languages, the Latin, English, Hebrew and Russian, their expressions for this sweet emotion, and subjected them to a careful analysis.* The perusal of his article has led me to make some similar examinations of American languages; but with this difference in method, that while Dr. Abel takes the languages named in the fullness of their development and does not occupy himself with the genesis of the terms of affection, I shall give more particular attention to their history and derivation as furnishing illustrations of the origin and growth of those altruistic sentiments which are revealed in their strongest expression in the emotions of friendship and love.

Upon these sentiments are based those acts which unite man

* *Linguistic Essays*, by Carl Abel, Ph.D. (London, 1882).